

0091120

DATA SHEET

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ÖLFLEX® HEAT 260 GLS



LAPP

Application

ÖLFLEX® HEAT 260 GLS is a special connection and control cable having by its design and material conditioned excellent electrical, thermal, chemical and mechanical properties. ÖLFLEX® HEAT 260 GLS cables are recommended for installation in dry areas but not in damp areas or for outdoor use. Their movement should not be forced, respectively the use with cable drums or rolls is not allowed. The cables are flame retardant. These cables are especially used for ship building (DNV Approval) for wiring of Diesel engines and steam boiler units as well as in many other areas of industrial applications.

Design

Certification	DNV Certificate No. TAE00001JF
Conductor	fine wire strands of nickel plated copper acc. to IEC 60228 resp. EN IEC 60228, class 5
Insulation	Polytetrafluoroethylene (PTFE), 5Y1 acc. to VDE 0207 part 6
Core identification code	acc. to VDE 0293-1, with or without GN/YE ground conductor up to 5 cores: acc. to VDE 0293-308 7-core version: gn/ye, bl, bn, bk, bk, bk, tr
Cable assembly	cores twisted together
Braid	Inner braid: impregnated glass fibre braiding Outer braid: galvanized steel wire braiding

Electrical properties at 20 °C

Nominal voltage	EN: U ₀ / U: 300 / 500 V DNV: U ₀ / U: 300 / 500 V
Test voltage	core/core: 2000 V AC

Mechanical and thermal properties

Minimum bending radius	fixed installation: 5 x outer diameter
Temperature range	fixed installation: -190 °C up to +260 °C max. conductor temperature DNV: fixed installation: up to +205 °C

Tests

acc. to IEC 60811 resp. EN 60811, EN 50395 and EN 50396

General requirements

These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)

Environmental information

These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).